

U.S. Bureau of Reclamation
Emergency Condition Notification Form

Date June 10, 2011 Update

Time: 5:00 PM

Facility Affected: Gibson Reservoir

River(s) Affected: Sun River, Missouri River

Organizations Receiving this Notification:

Lewis and Clark County Dispatch 24-hour Warning Point
Teton County Dispatch 24-hour Warning Point
Cascade County Dispatch 24-hour Warning Point
PPL Montana – Rainbow Dam Dispatch Center
National Weather Service, Great Falls
Montana State Disaster and Emergency Services, Helena
U.S. Army Corps of Engineers, Omaha
U.S. Forest Service
Greenfields Irrigation District
Bureau of Reclamation – Great Plains Regional Office

Condition Description

Current Conditions – Gibson Dam and Reservoir:

- Elevation = 4716.13 feet
- Inflow (12-hr avg.) = 6,970 cubic-feet per second (cfs)
- Discharge = 7,355 cfs (from Gibson Dam)
- Discharge = 8,245 cfs (over Sun River Diversion Dam)

Stream flows to the Sun River basin have dropped off considerably; however, the releases from Gibson Dam combined with the downstream tributary flows may still exceed the safe channel capacity.

In accordance with the Emergency Action Plan for Gibson Dam, releases with this potential place Gibson Dam into an elevated response level requiring notifications to downstream and affected agencies. We want to stress that there are no dam safety related conditions or concerns with Gibson Dam.

1. Potential River Levels and Times of Arrival

The following provides the approximate travel times from Gibson Dam to reach key locations along the Sun River:

<u>Sun River Location</u>	<u>Approximate Travel Time</u>
Simms	10 – 13 hours
Vaughn	20-23 hours
Great Falls	27-30 hours

2. Actions Taken by Reclamation

In an attempt to maintain flows downstream on the Missouri River at Great Falls at near channel capacity, releases out of Canyon Ferry Reservoir are being maintained at 11,250 cfs. Reclamation continues to monitor river levels both upstream and downstream of Gibson Reservoir, as well at conditions at Gibson Reservoir and will issue further notifications as conditions warrant.

3. Actions Expected of Downstream Agencies

Downstream agencies should take these flows into account combined with existing downstream tributary flows entering the Sun River and notify landowners who occupy low lying areas that they are subject to potential flooding.

4. Phone Number for Additional Information

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5. Media Inquiries:

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